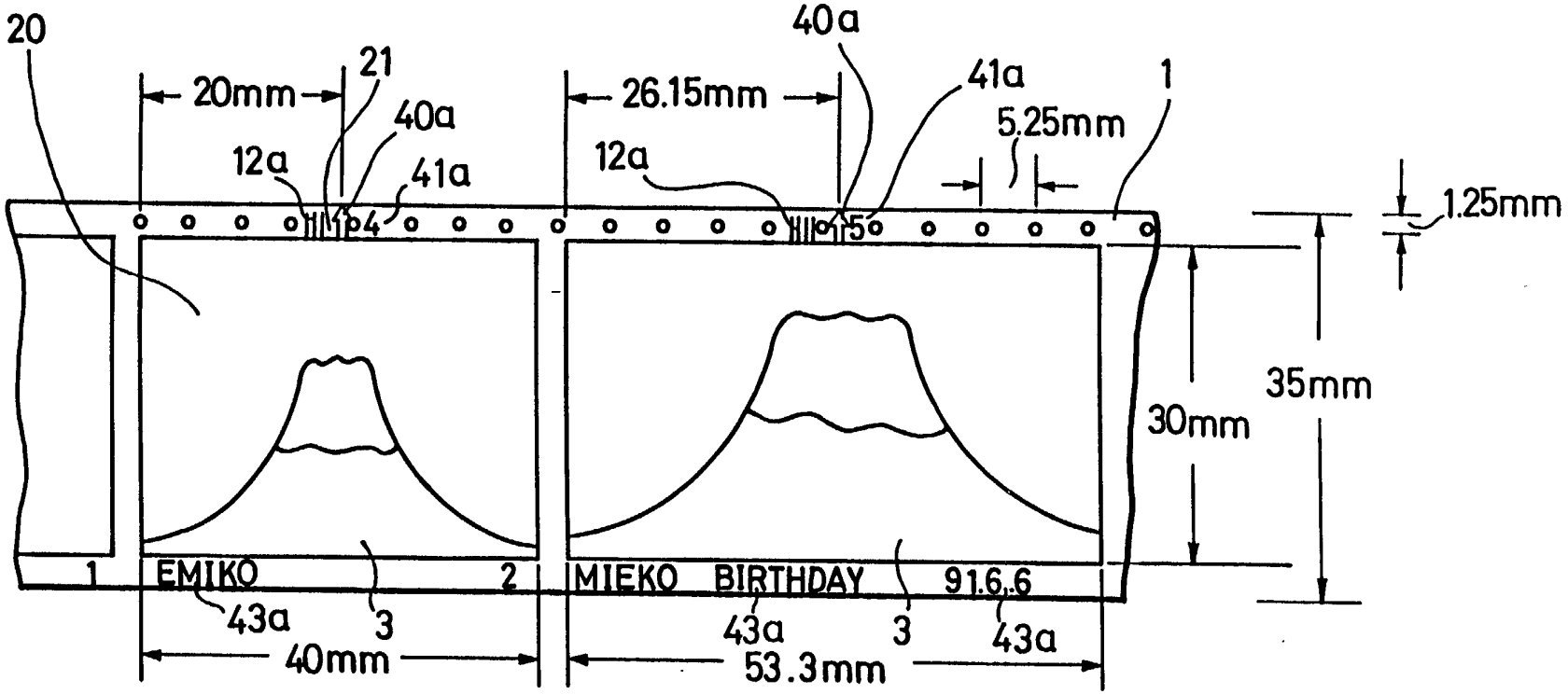


FIG. 1

FIG.2

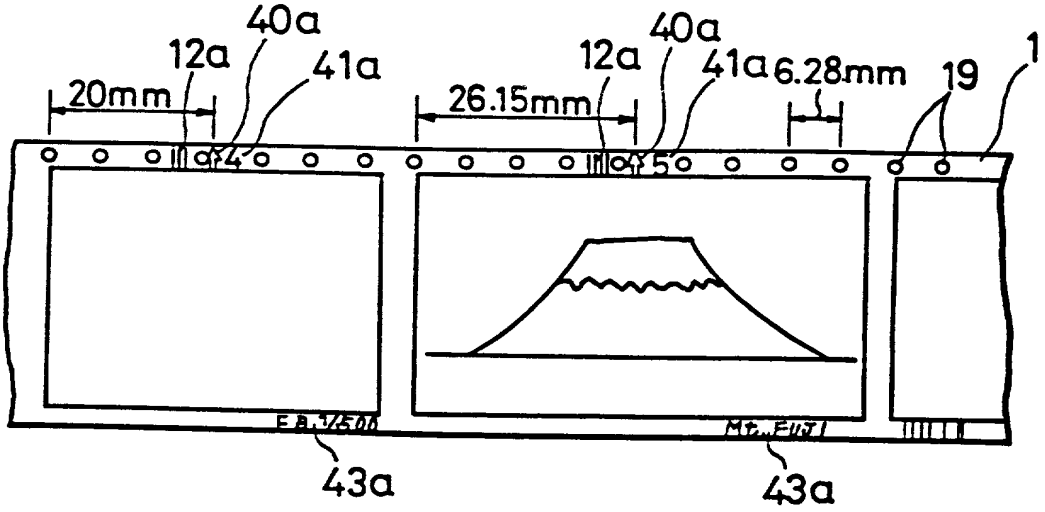


FIG.3A

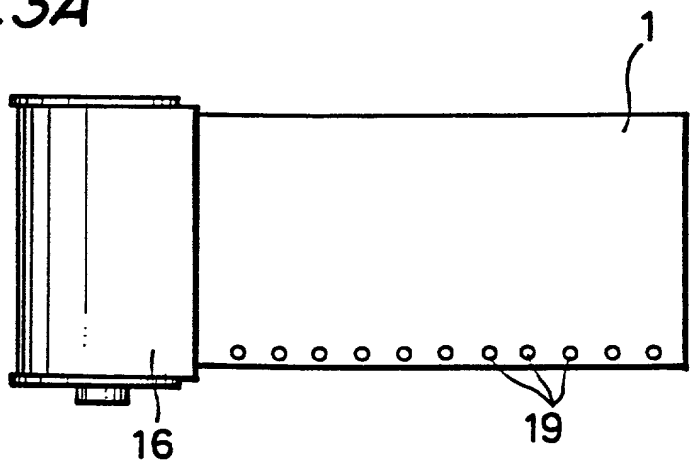


FIG.3B

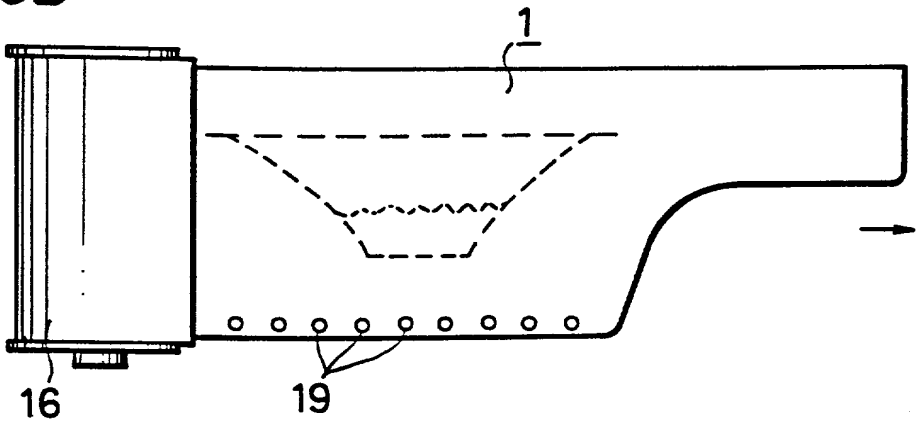


FIG.4A

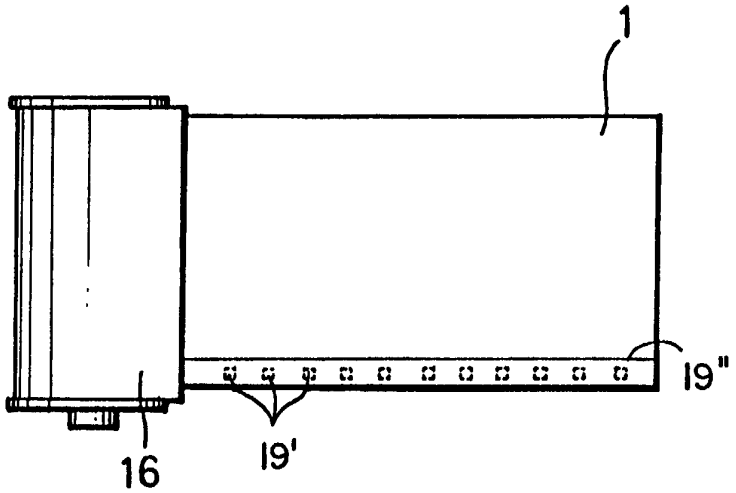


FIG.4B

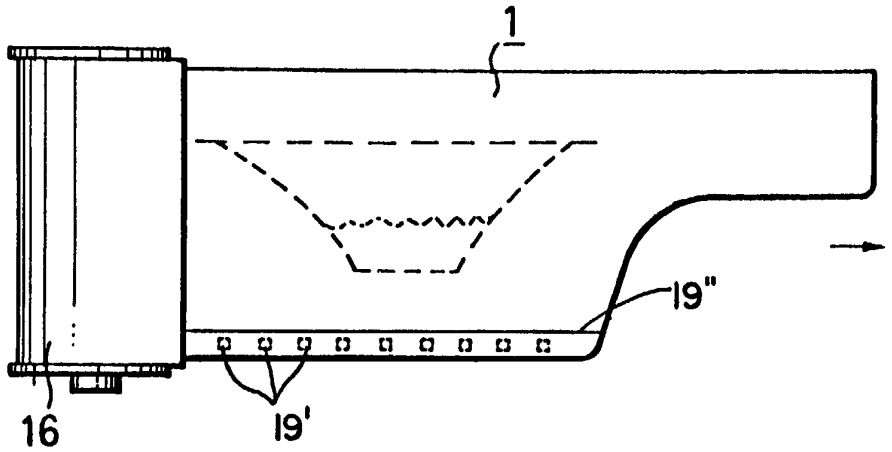


FIG. 5

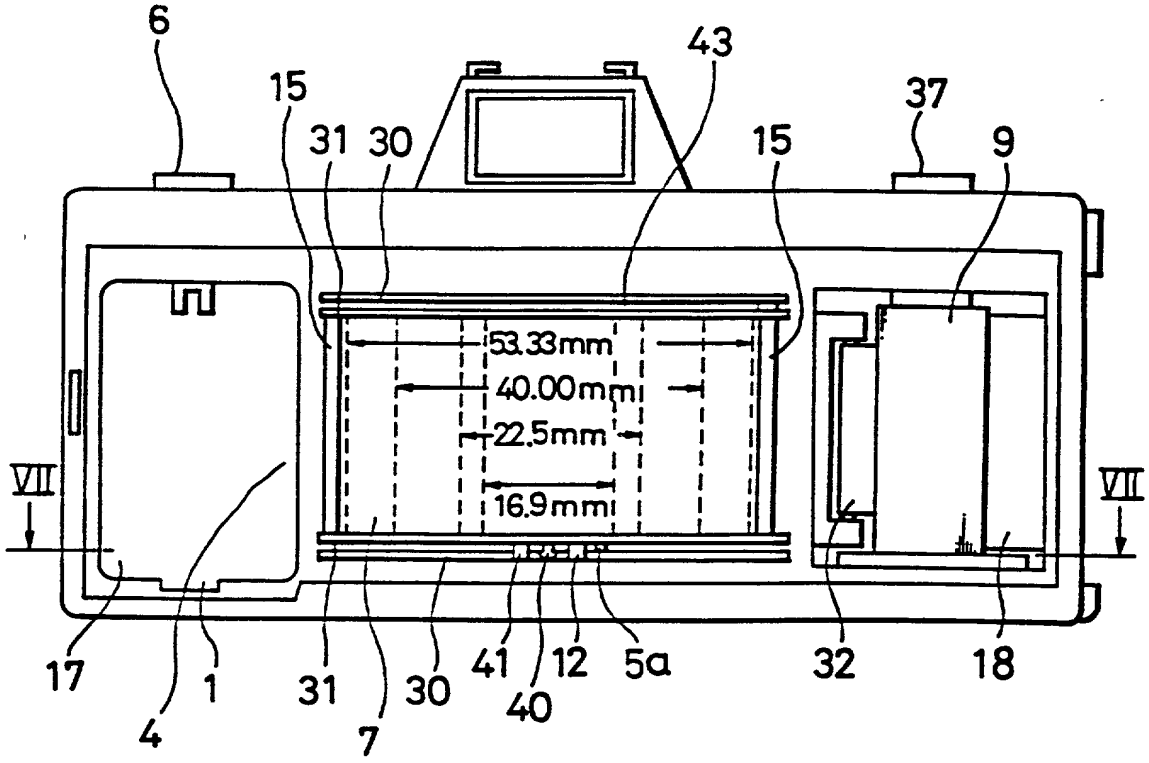

6
15
31
30
43
15
37
9
53.33mm
40.00mm
22.5mm
16.9mm
VII
VII
17
4
1
31
7
30
41
40
12
5a
32
18

FIG. 6

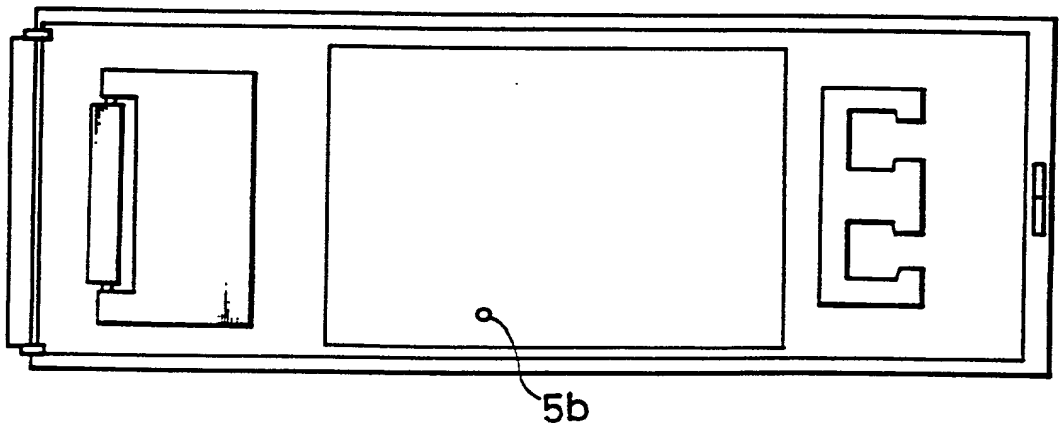

5b

FIG.7

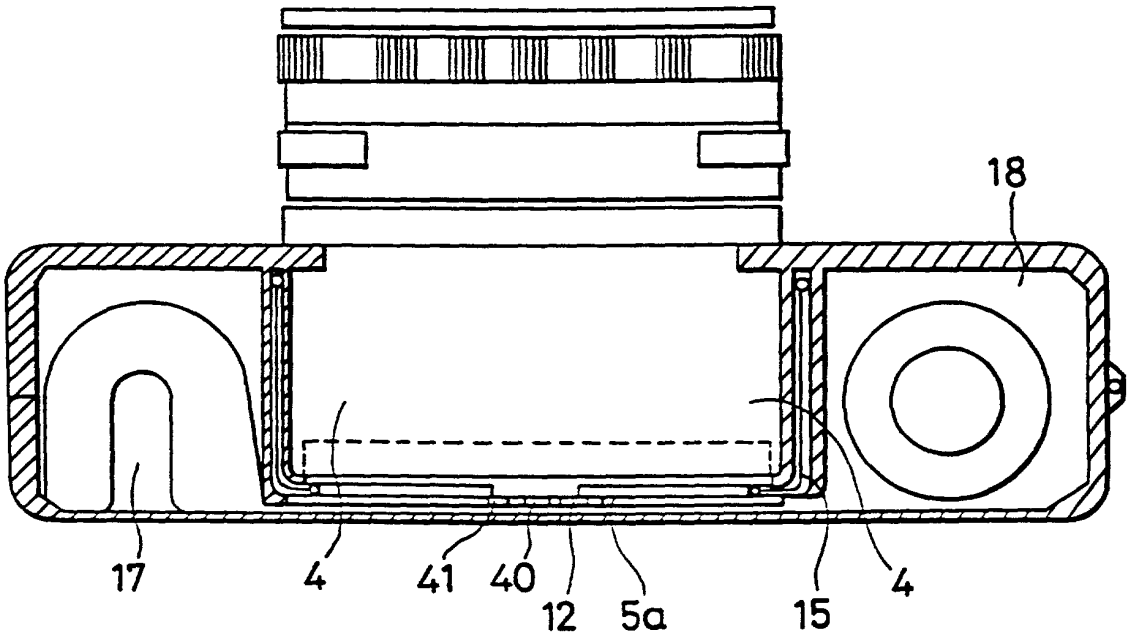


FIG.8

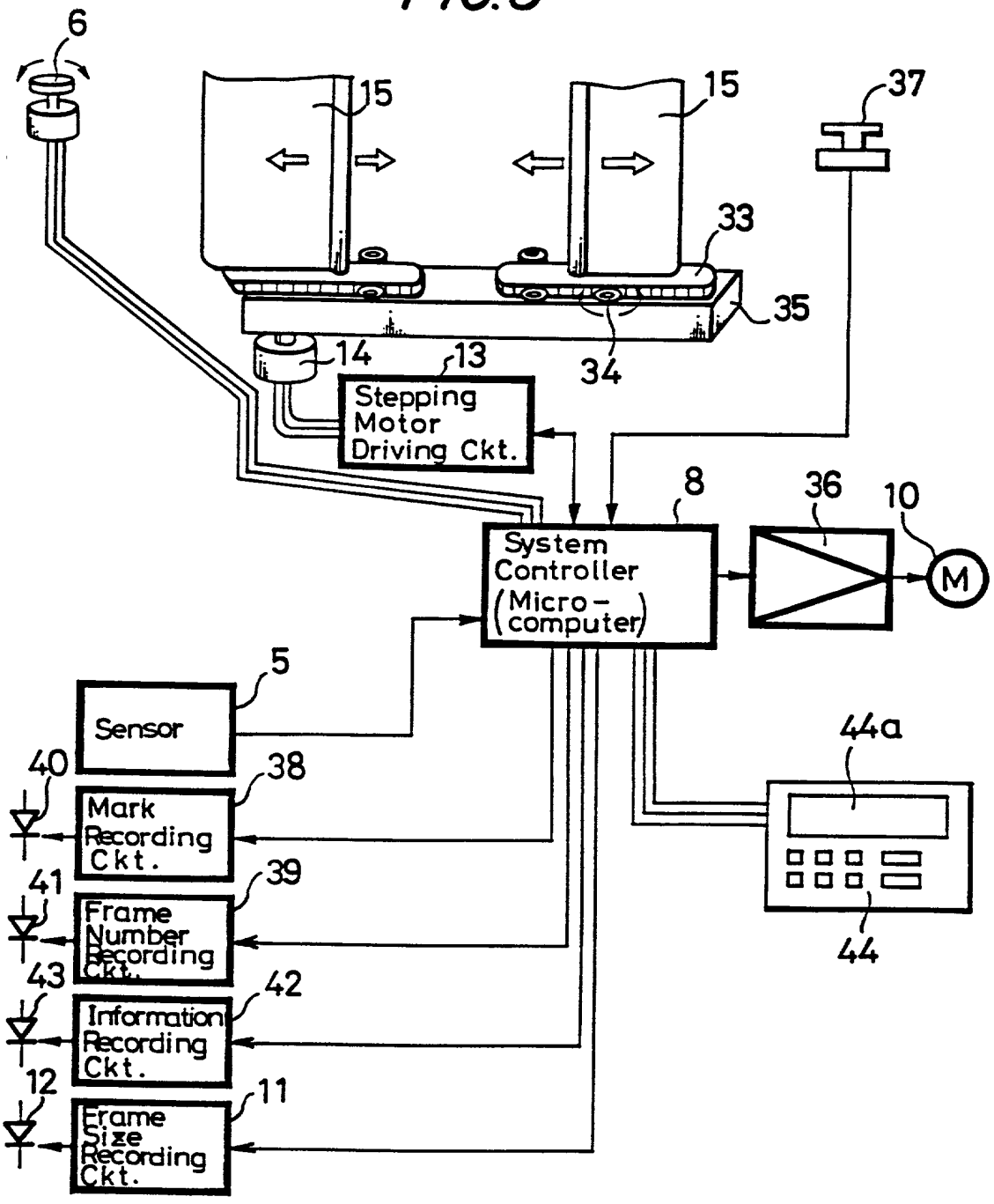

6
15
15
37
33
35
14
13
34
Stepping Motor Driving Ckt.
8
36
10
System Controller (Micro-computer)
M
5
Sensor
44a
40
38
Mark Recording Ckt.
41
39
Frame Number Recording Ckt.
44
43
42
Information Recording Ckt.
12
11
Frame Size Recording Ckt.

FIG. 9

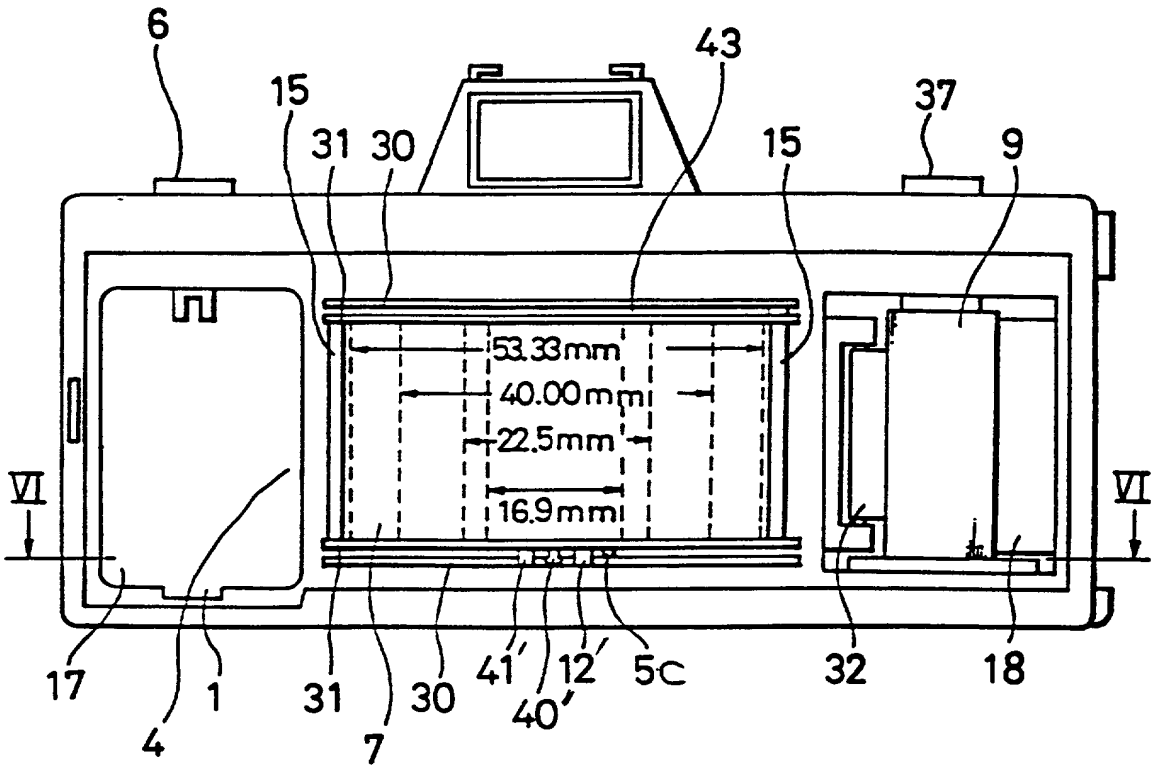
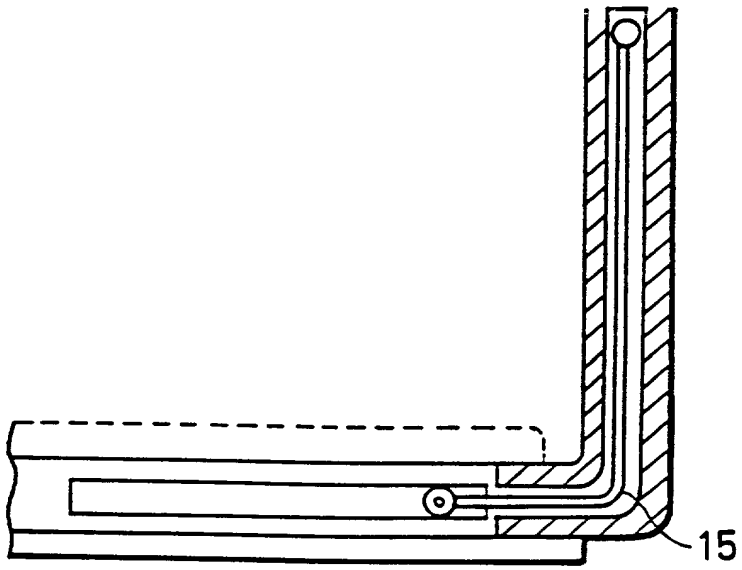

6
15
31
30
43
15
37
9
53.33mm
40.00mm
22.5mm
16.9mm
VI
VI
17
4
1
31
7
30
41'
40'
12'
5c
32
18

FIG. 10



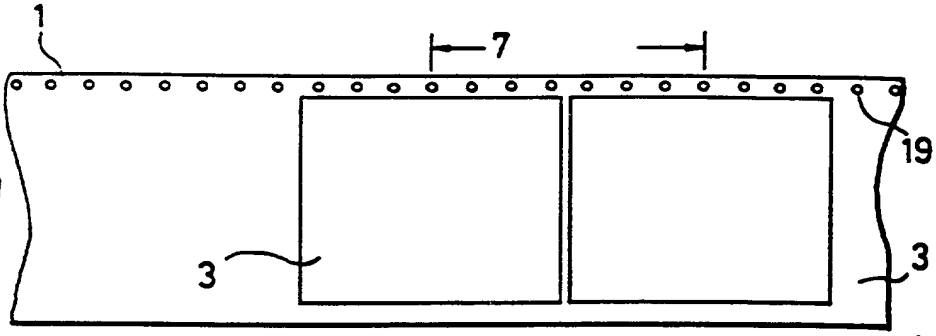


FIG.11A

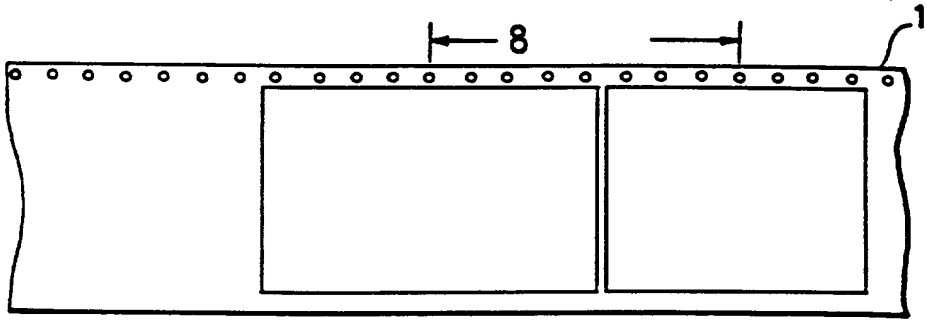


FIG.11B

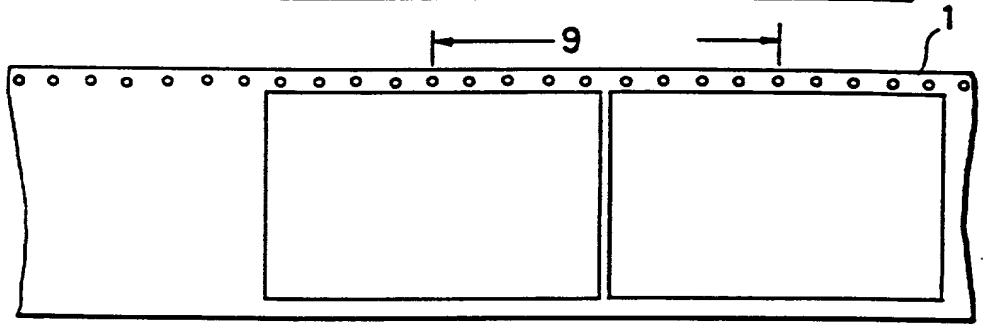


FIG.11C

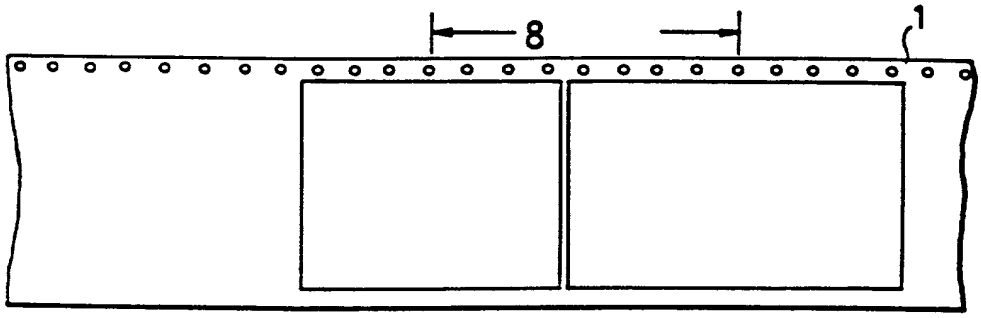


FIG.11D

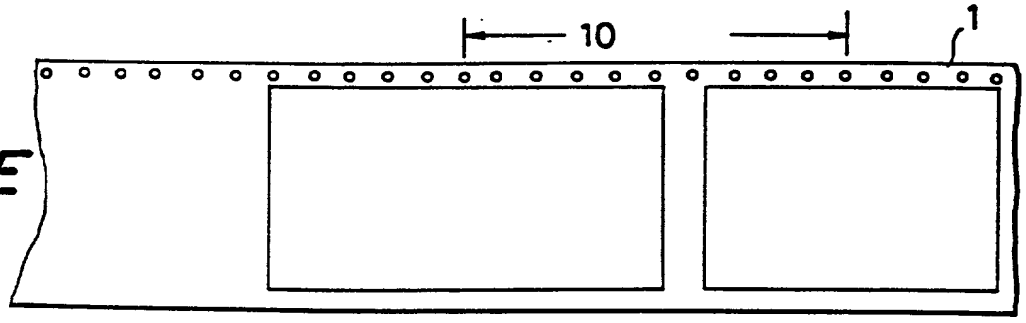


FIG.11E

FIG.12

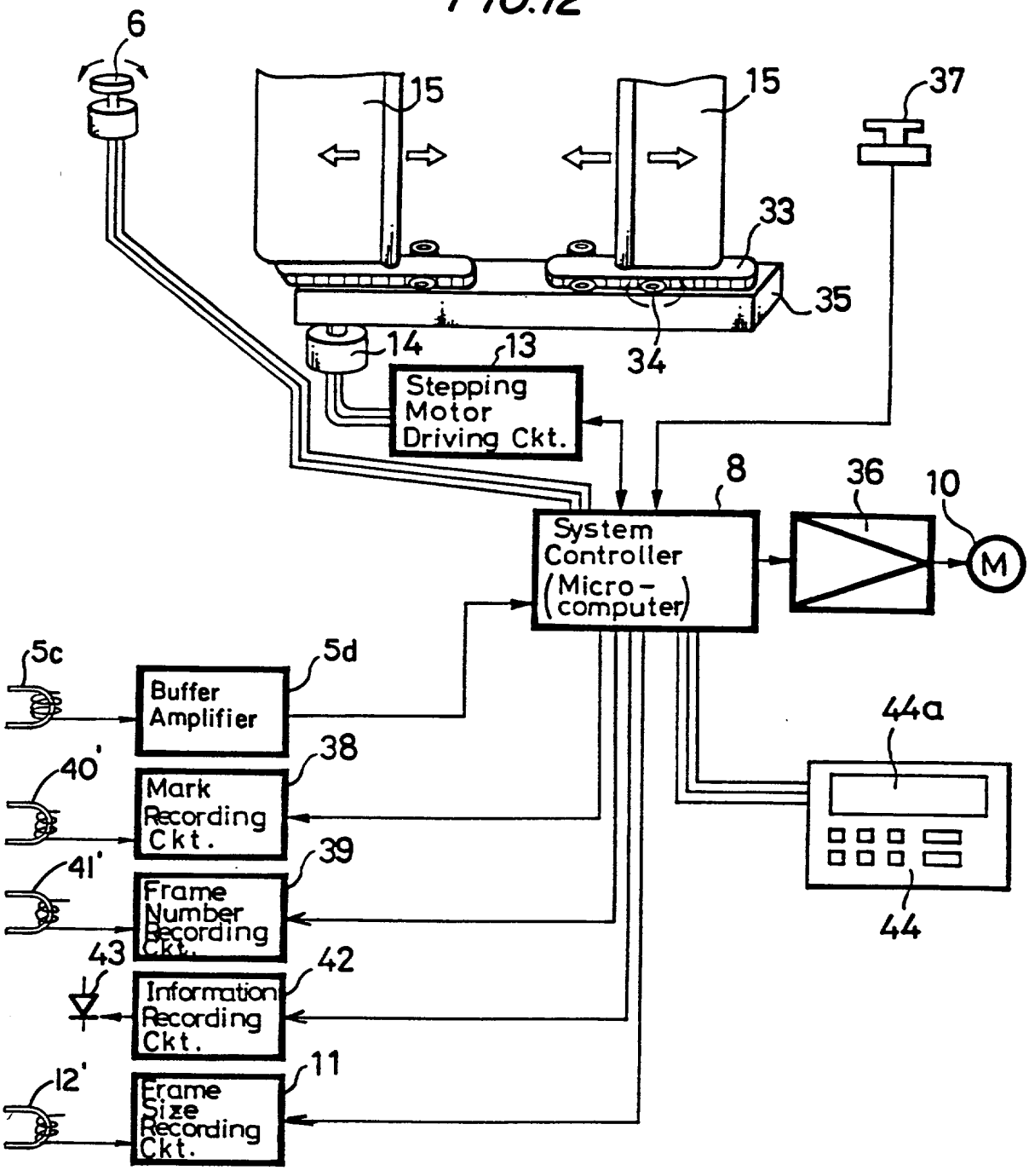

6
15
15
37
33
35
14
13
34
Stepping Motor Driving Ckt.
8
36
10
System Controller (Micro-computer)
M
5c
5d
Buffer Amplifier
44a
40'
38
Mark Recording Ckt.
41'
39
Frame Number Recording Ckt.
43
42
Information Recording Ckt.
12'
11
Frame Size Recording Ckt.
44

FIG. 13

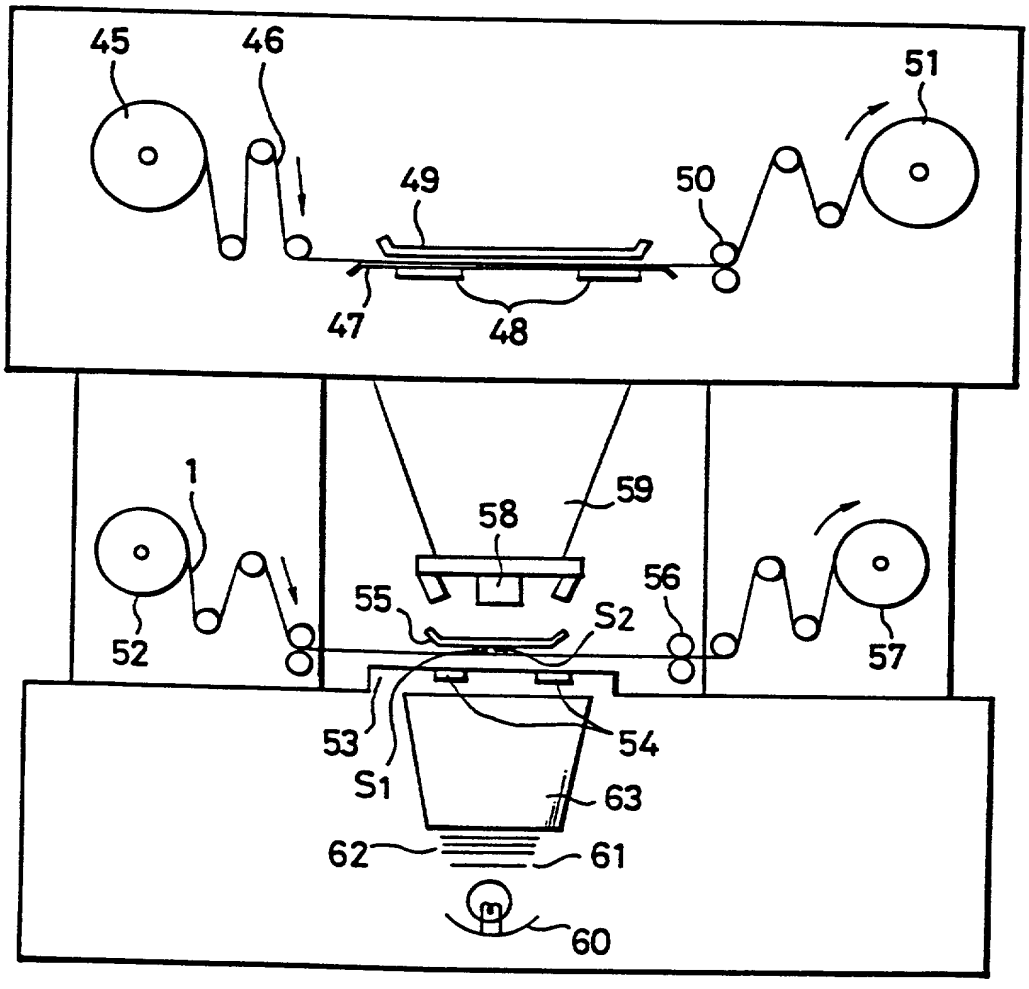


FIG.14

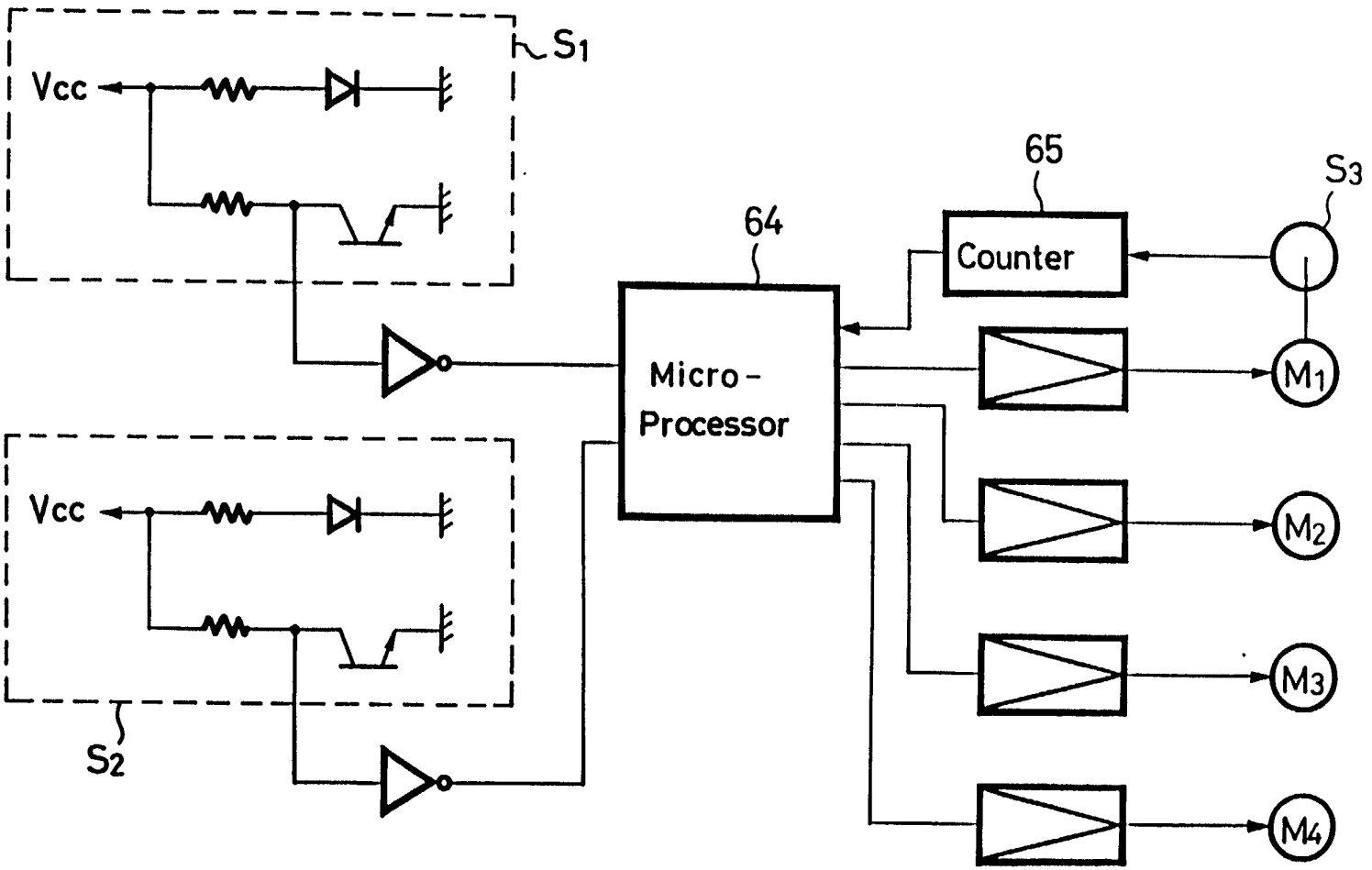


FIG. 15

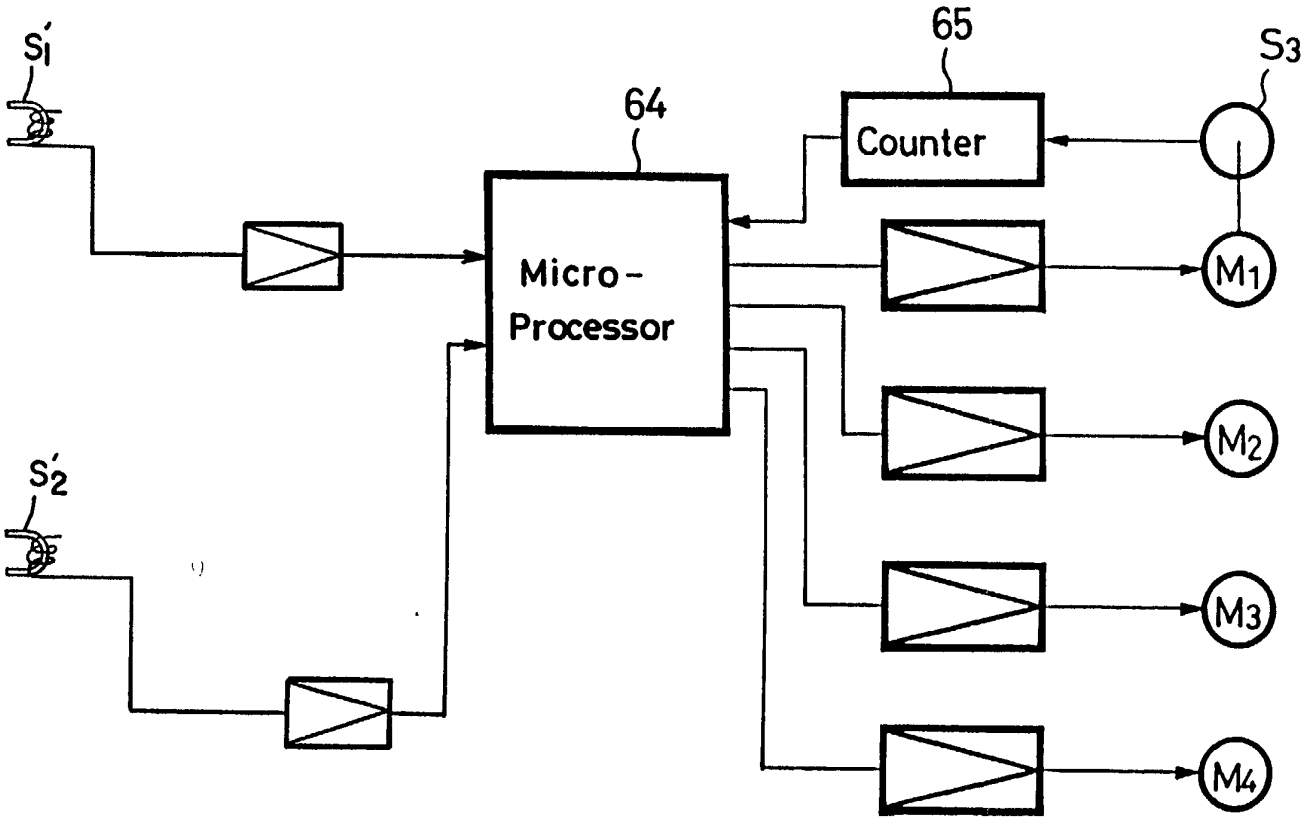


FIG.16A

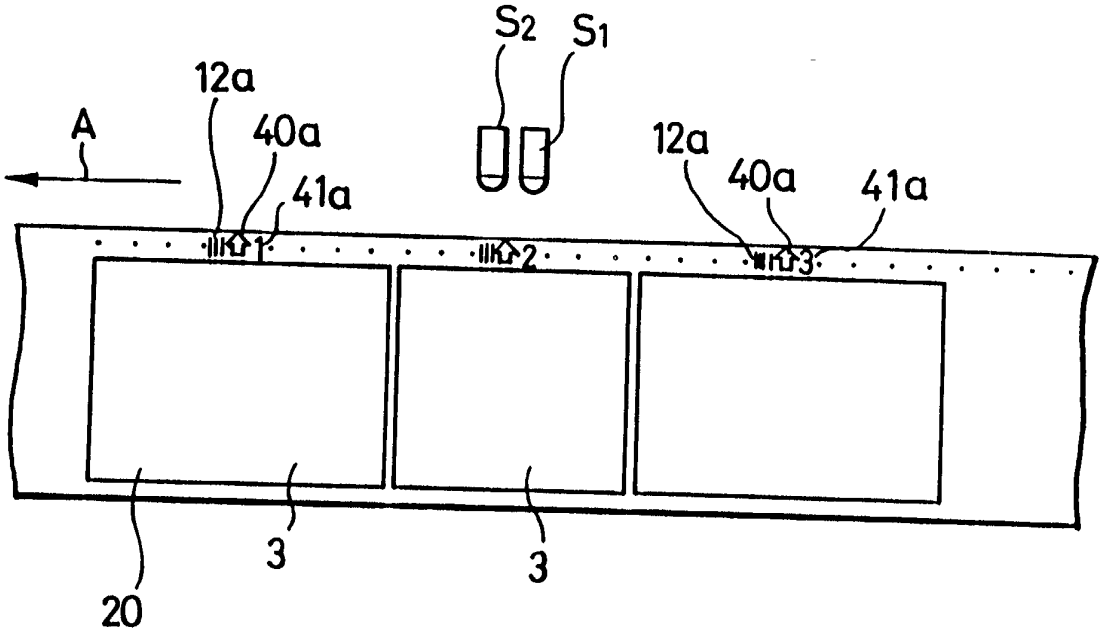


FIG.16B

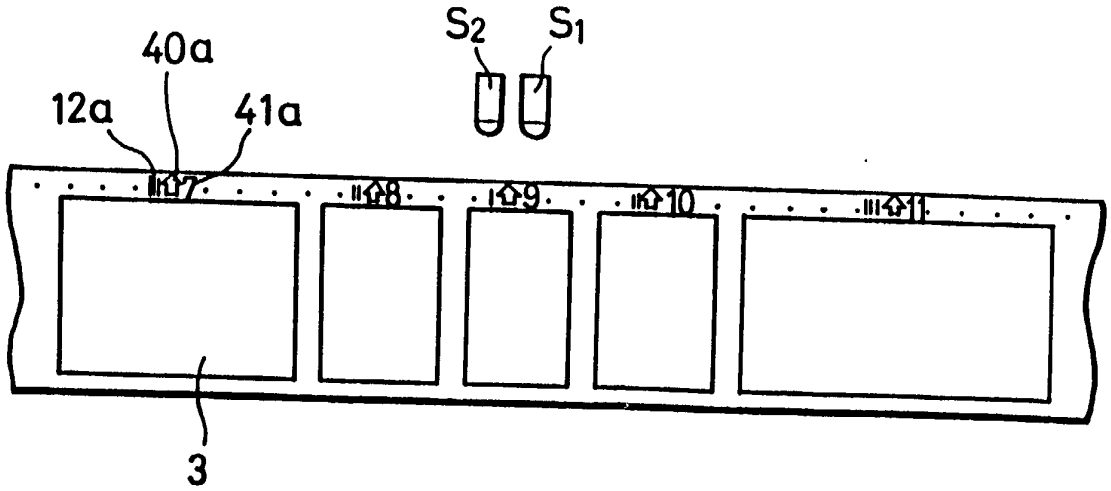


FIG.17

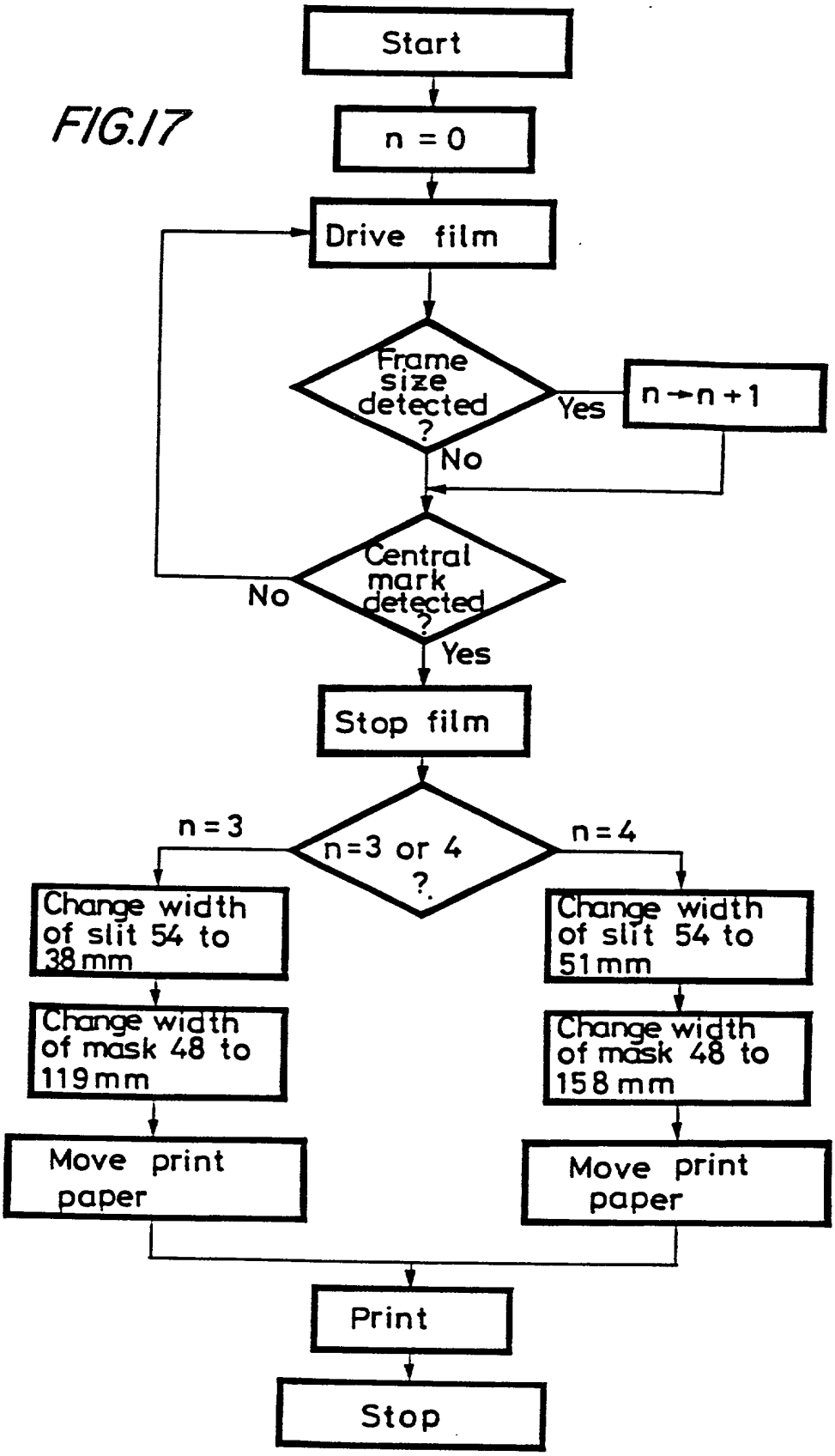

Start
n = 0
Drive film
Frame size detected ?
Yes
n→n+1
No
Central mark detected ?
No
Yes
Stop film
n=3 or 4 ?
n=3
n=4
Change width of slit 54 to 38mm
Change width of mask 48 to 119mm
Move print paper
Change width of slit 54 to 51mm
Change width of mask 48 to 158mm
Move print paper
Print
Stop

FIG.18A

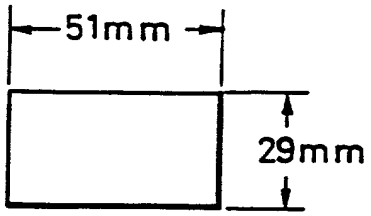


FIG.18B

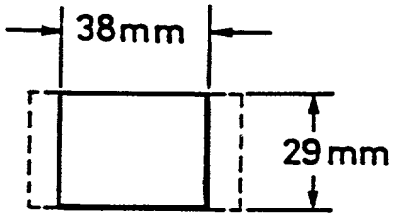


FIG.19A

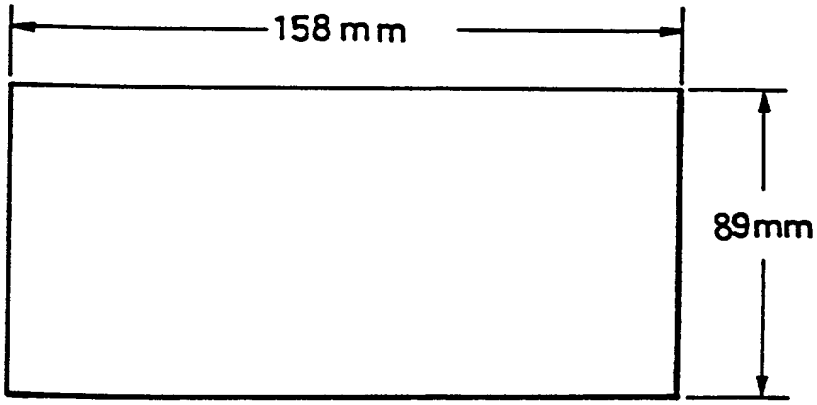


FIG.19B

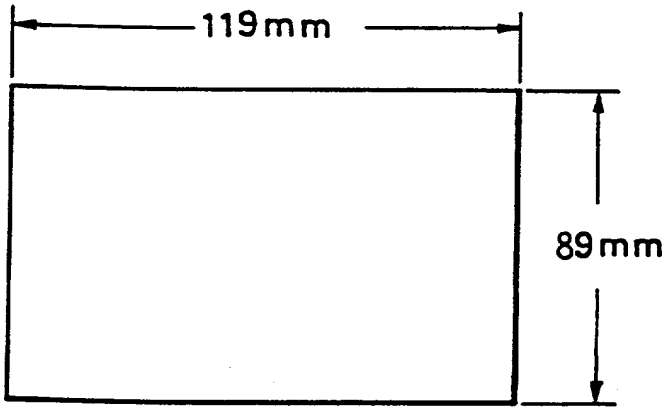


FIG. 20

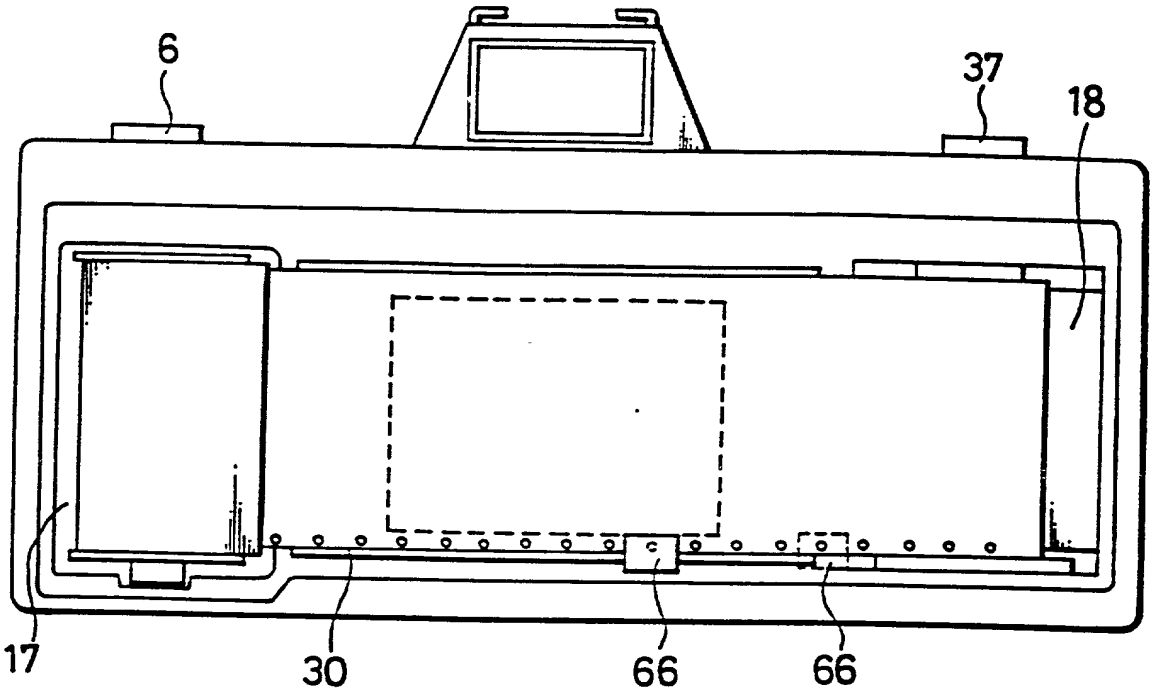
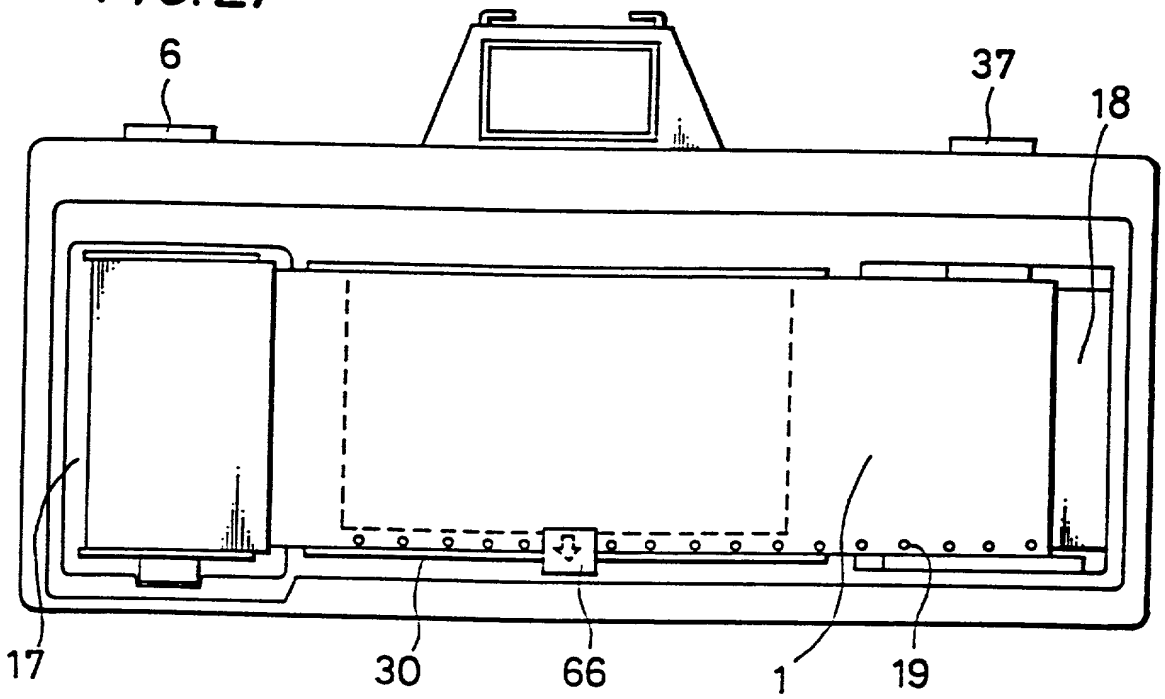


FIG. 21



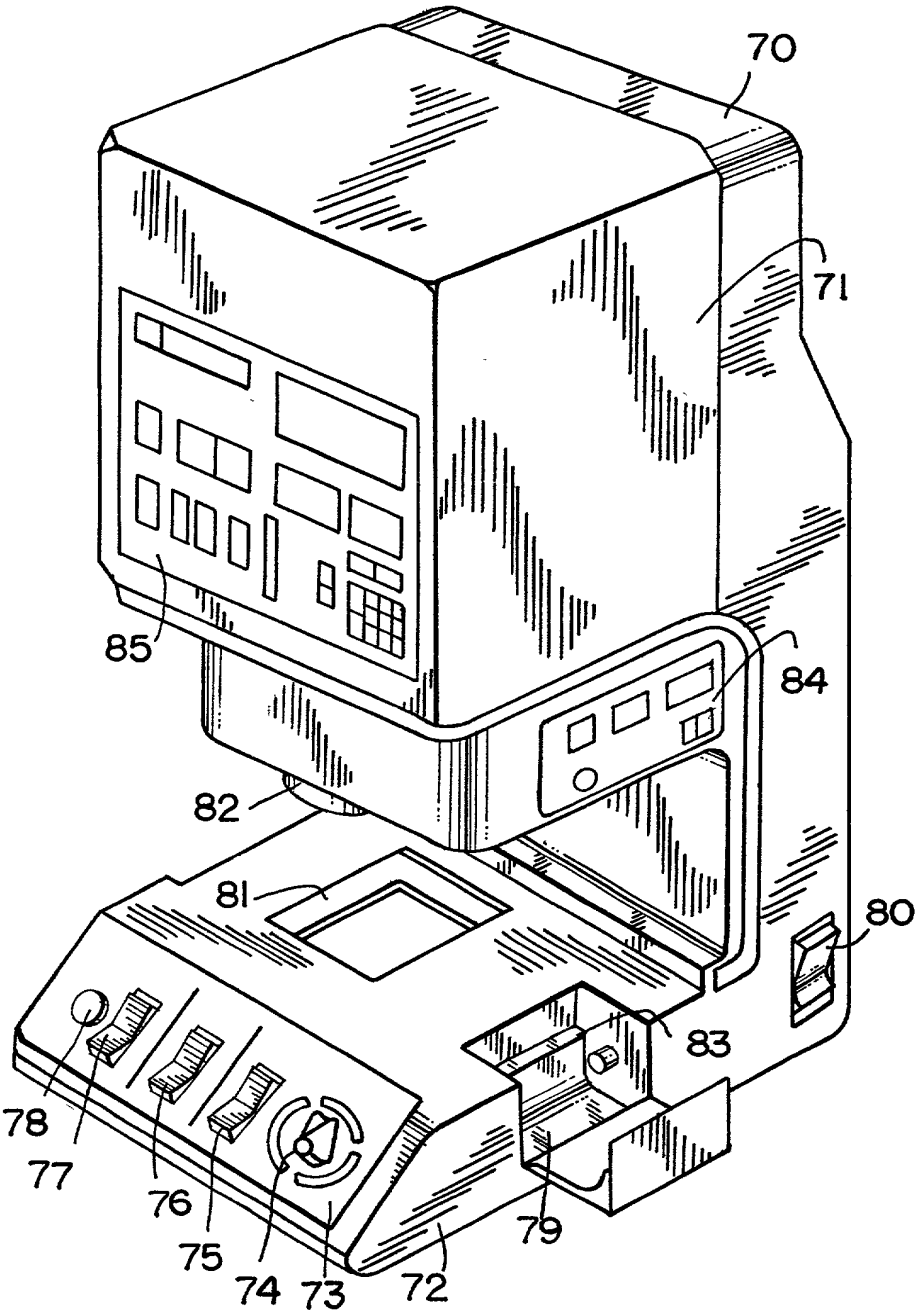


FIG. 22

FIG. 23

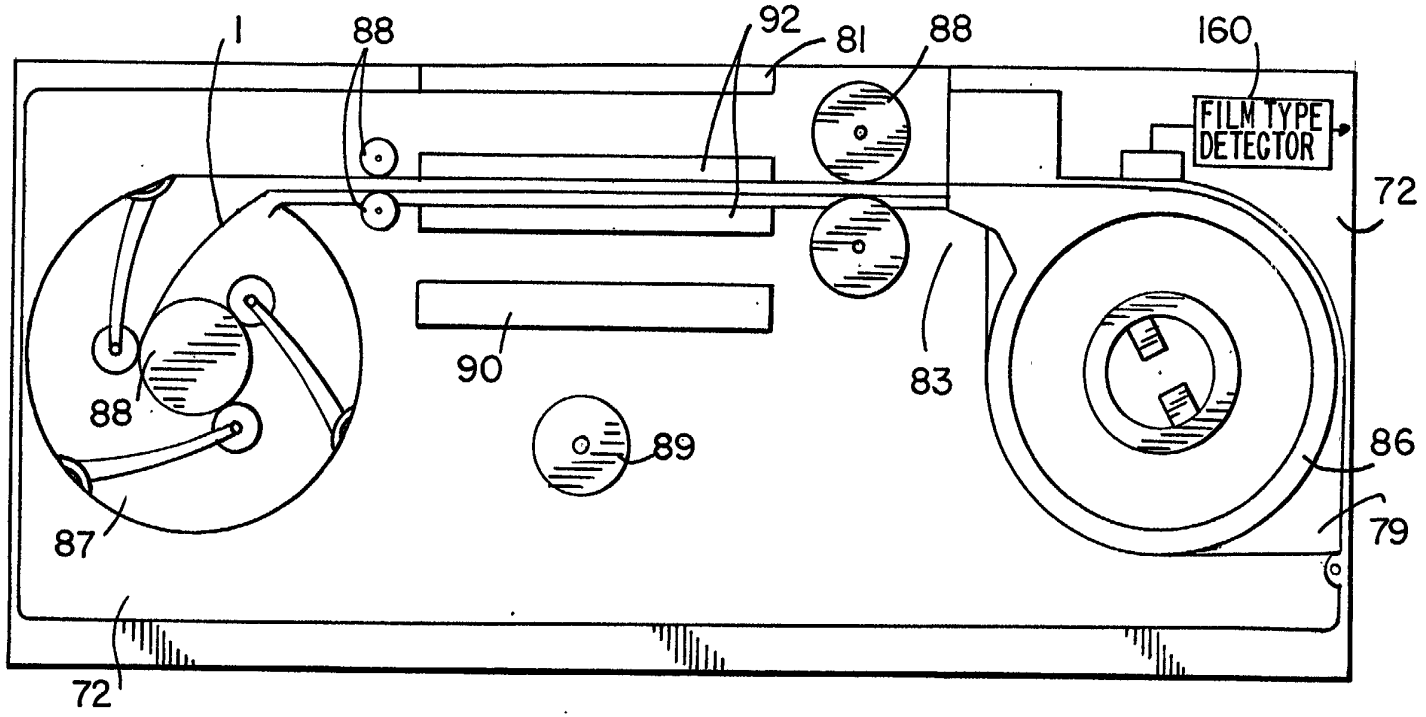


FIG. 24

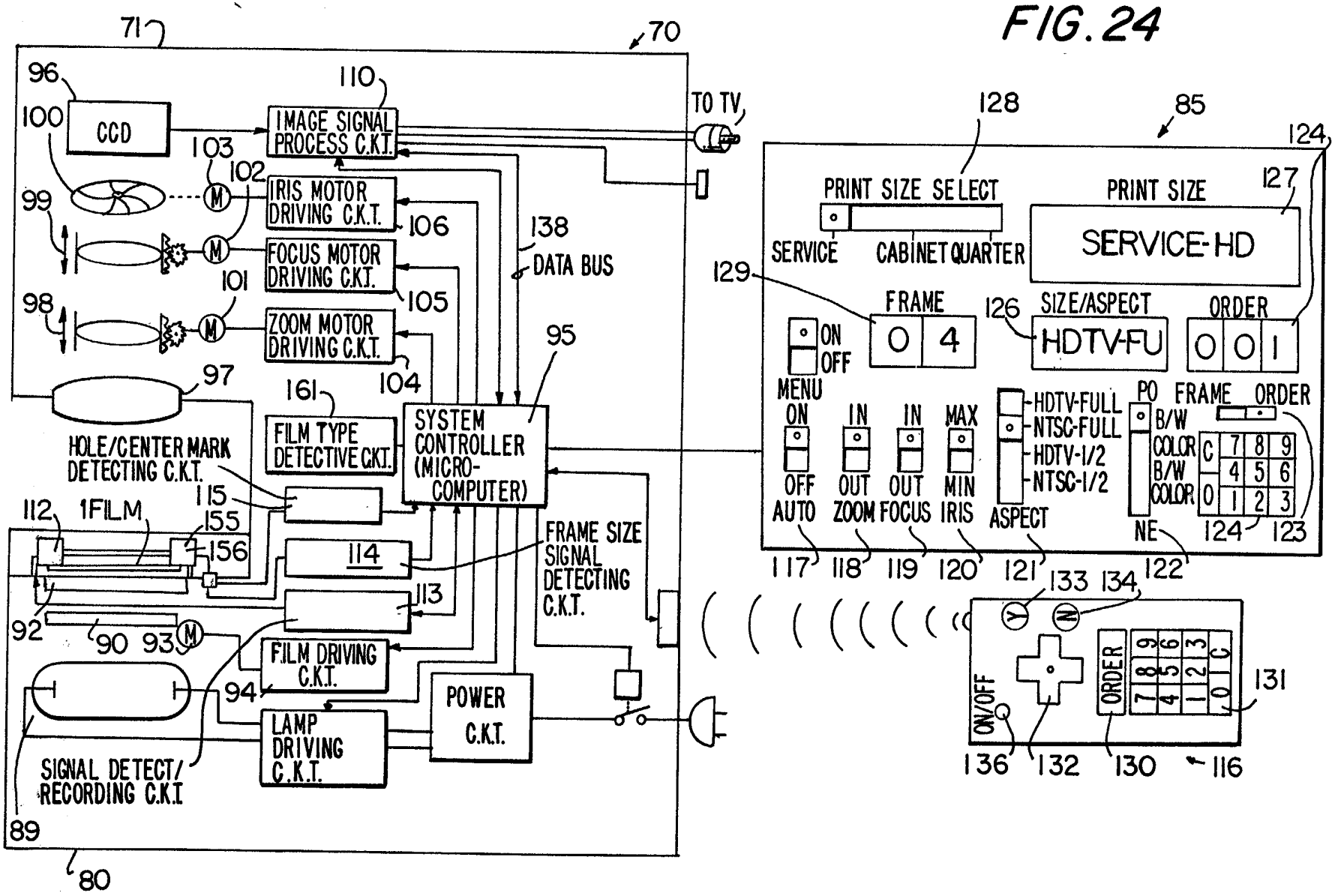


FIG. 25

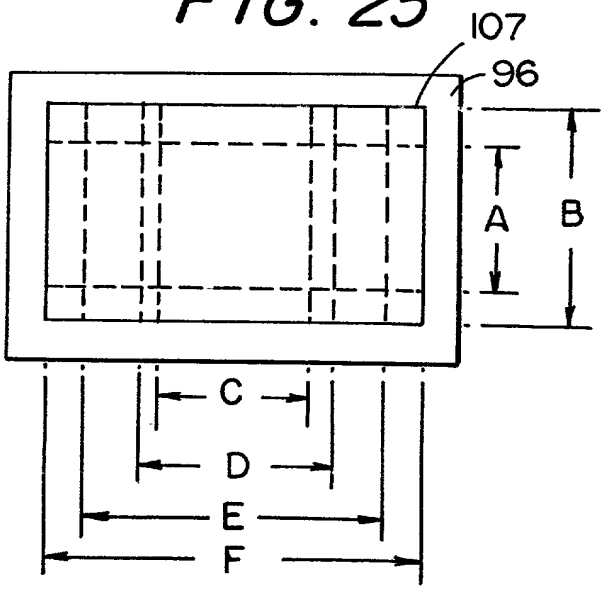


FIG. 26

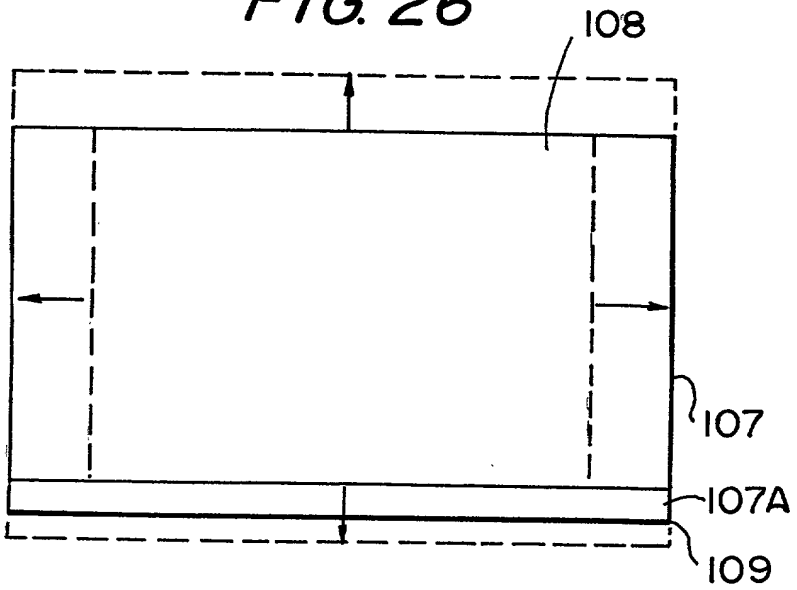


FIG. 27

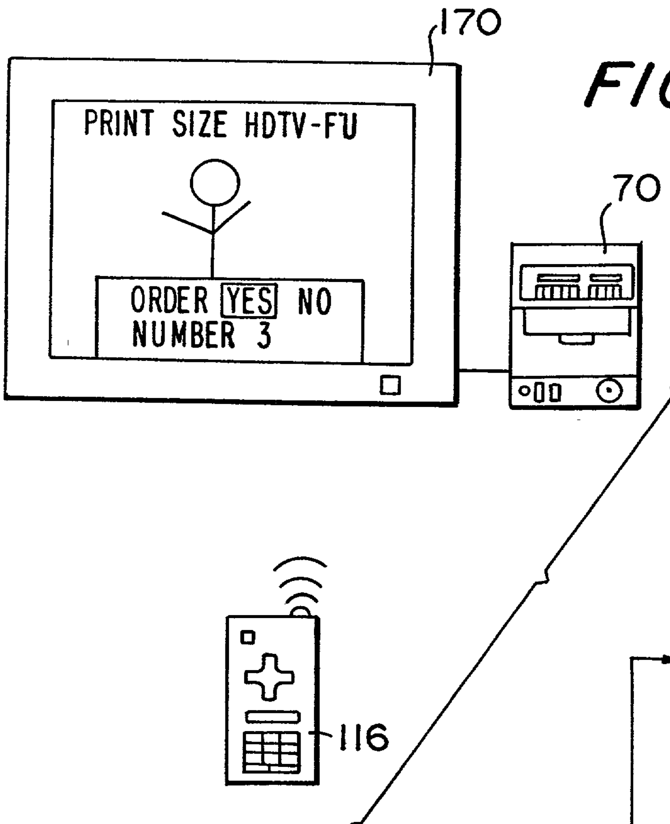
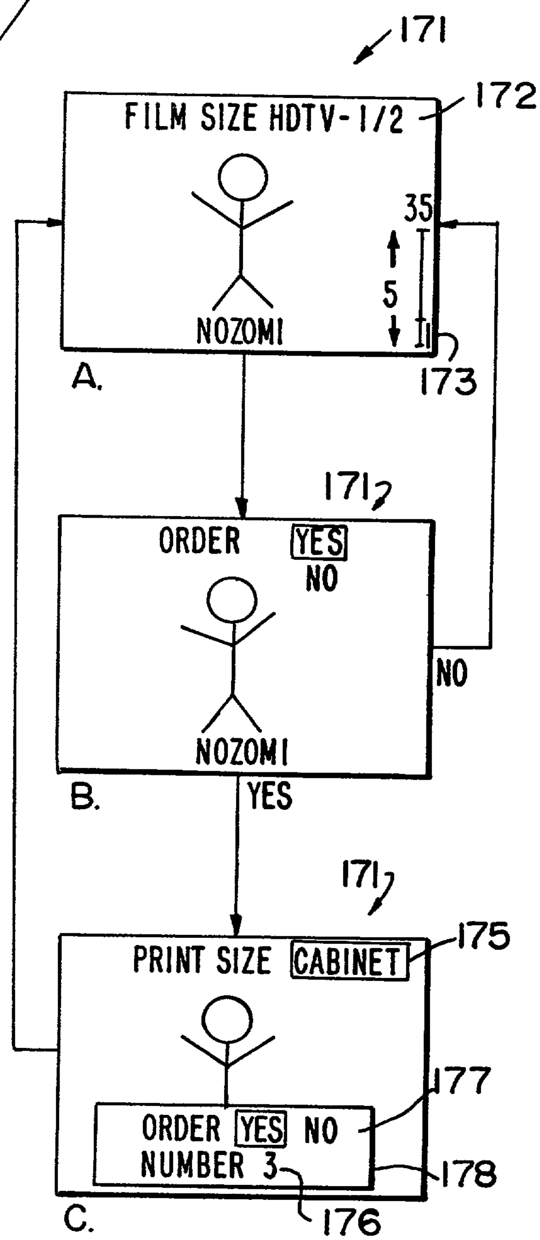

170
PRINT SIZE HDTV-FU
ORDER YES NO
NUMBER 3
70
116

FIG. 28


171
FILM SIZE HDTV-1/2
172
35
5
NOZOMI
173
A.
171
ORDER YES
NO
NOZOMI
NO
B.
YES
171
PRINT SIZE CABINET
175
177
ORDER YES NO
NUMBER 3
178
176
C.

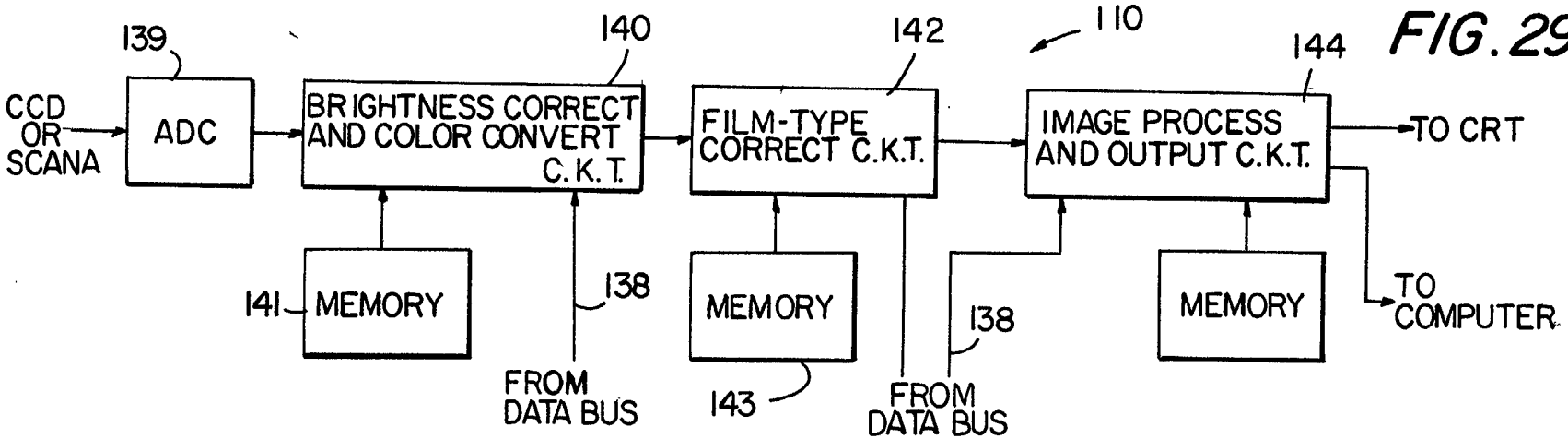


FIG. 29A

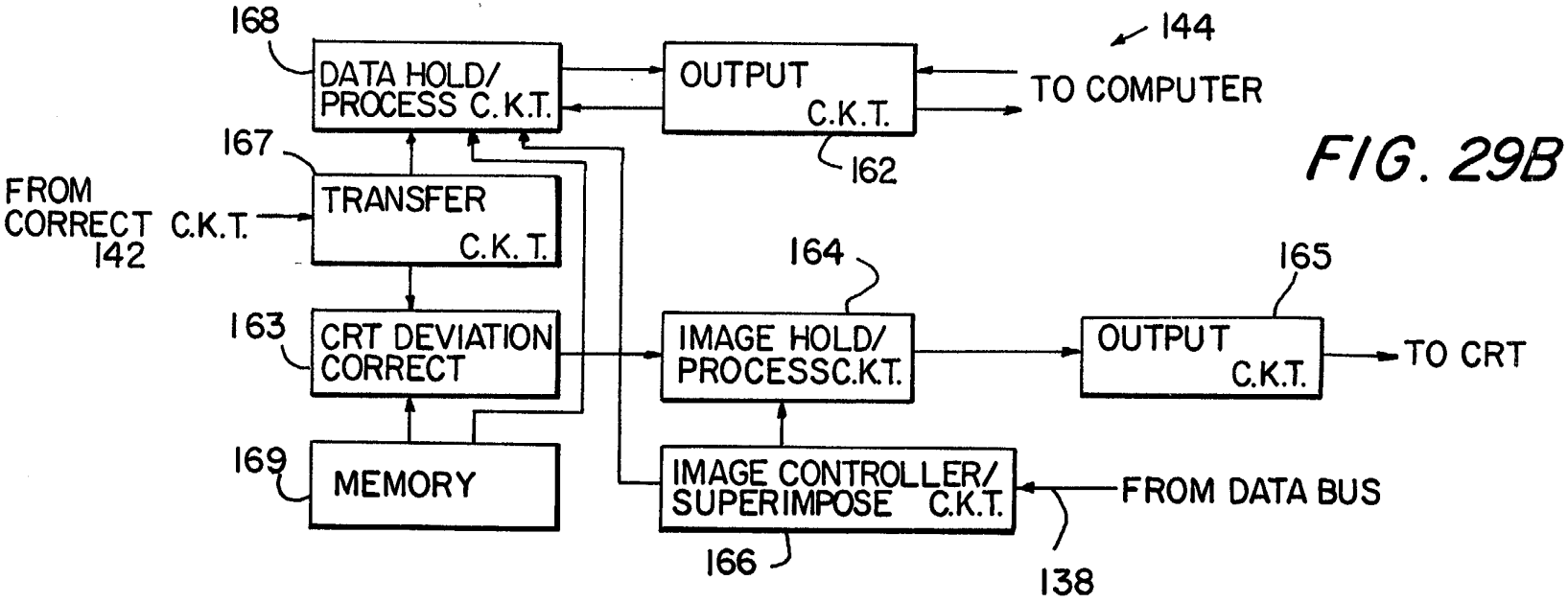


FIG. 29B

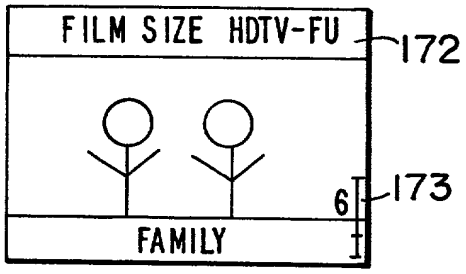


FIG. 30A

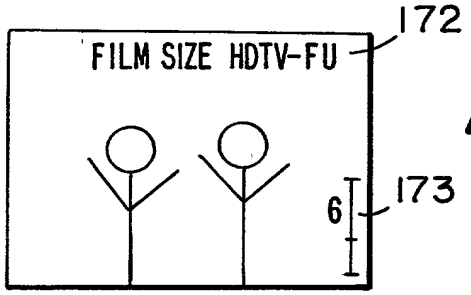


FIG. 30B

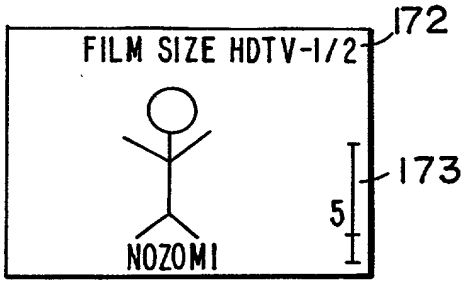


FIG. 30C

FIG. 30D

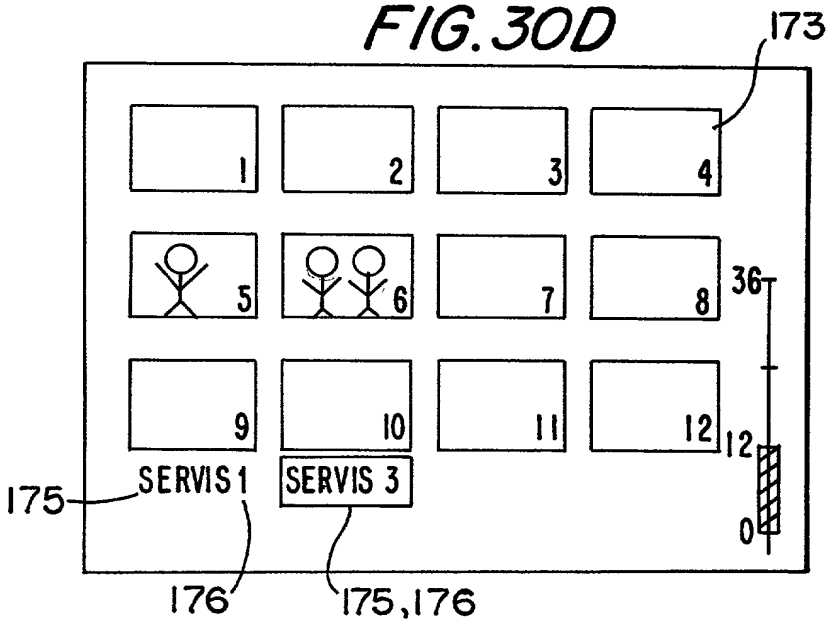
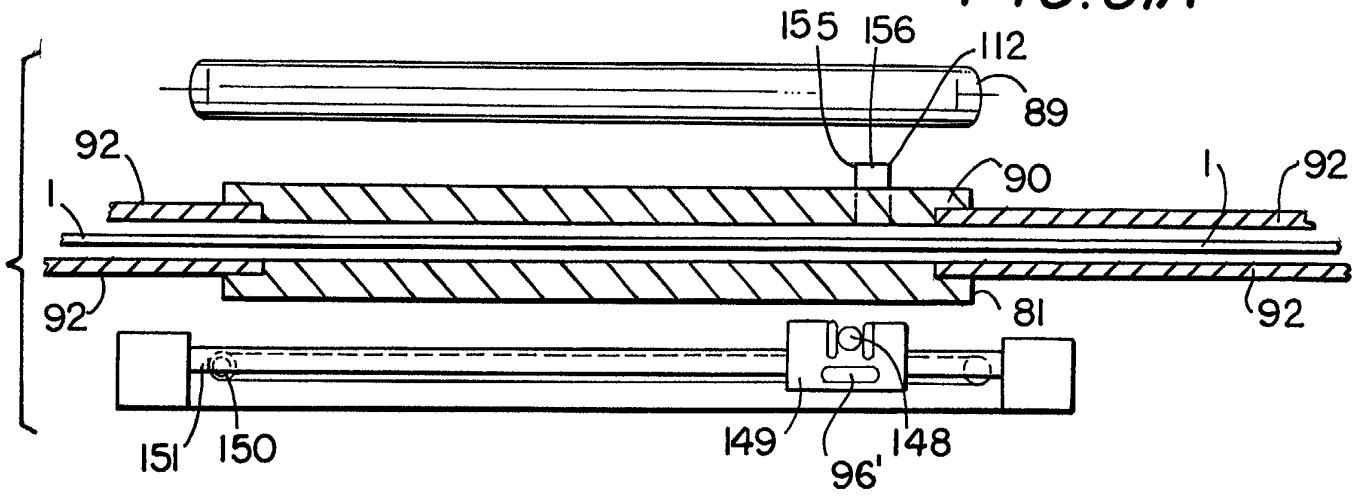


FIG. 31A



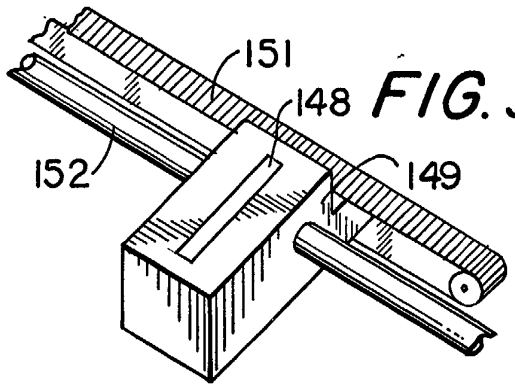


FIG. 31B

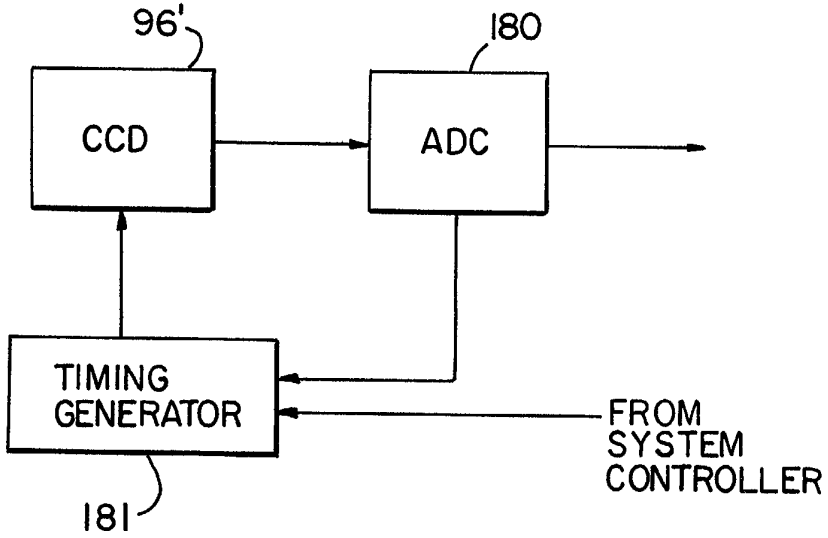


FIG. 32